

# Akkordspachtel, fein und mittel (fine & medium)

Ready-mixed, paste-like synthetic-resin dispersion filler for interior use.



## Product Description

### Field of Application

#### Caparol-Akkordspachtel fein (fine):

All-purpose filler, suitable for repairing minor defects and spallings, shrinkage holes and surface cracks. Suitable as a surfacer to achieve smooth plaster and concrete surfaces. Also suitable to achieve finely textured surfaces using spatter technique on smooth, filler treated walls and ceilings.

Suitable to obtain surface quality level Q3 or Q4 on gypsum plasterboards (sandwich-type plaster boards/drywalls) corresponding to specifications given in German BVG Data Sheet No. 2 and BFS Data Sheet No. 12.

#### Caparol-Akkordspachtel mittel (medium):

All-purpose painter's surfacer & filler for leveling major surface irregularities and filling shrinkage holes or cracks. For leveling/smoothing concrete and roughly textured or defective plaster surfaces and suitable for application in spatter technique.

Suitable to obtain surface quality level Q3 or Q4 on gypsum plasterboards (sandwich-type plaster boards/drywalls) corresponding to specifications given in German BVG Data Sheet No. 2 and BFS Data Sheet No. 12.

### Material Properties

- Emission-minimised and solvent-free.
- Water-dilutable, ecologically compatible, low odour.
- High adhesive strength.
- Rigid/stiff, when thoroughly cured; non-shrinking (low sagging).
- Can be sanded in dry condition and felted in wet condition.
- Diffusion-capable.
- Easy to apply and to smoothen.
- Reaction to fire: Class A2-s1.d0 as per DIN EN 13501-1.

### Material Base / Vehicle

Synthetic resin dispersion/emulsion according to German standard DIN 55945.

### Packaging/Package Size

Akkordspachtel fine:  
25 kg plastic bucket, 8 kg plastic bucket

Akkordspachtel medium:  
25 kg plastic bucket

### Colours

Natural white.

Both product types can be tinted to a max. of 5 % with CaparolColor or AmphiColor® (AVA) colourants.

### Gloss Level

Matt (flat)

### Storage

Keep in a cool, but frost-free place.



# TECHNICAL INFORMATION NO. 643

Supplementary Product

Caparol-Füllspachtel P

**For Damp Locations:**

Histolith® Renovierspachtel

Histolith® Feinputz

Capatect-Feinspachtel 195

Capatect ArmaReno 700

Suitability according to  
Technical Information No. 606  
Definition of Application Areas

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
+	–	–	–	–
(–) inapplicable / (○) of limited suitability / (+) suitable				

## Application

Suitable Substrates

The substrate must be sound/stable, dry, and clean and free from all substances that may prevent good adhesion. In Germany: Follow VOB, part C, DIN 18 363, section 3.

Depending on substrate requirements, a suitable priming coat must be applied prior to filler application. Follow Technical Information No. 650. Glossy/shiny, stable existing coatings must be roughened beforehand.

Method of Application

**Manual Smoothing:**

Stir the product thoroughly and apply with a stainless steel smoothing trowel. Allow to dry and sand or moisten (pre-wet) the surface and smoothen it using a felt or sponge float.

Both product types are applicable by suitable spraying equipment, when being adjusted to spraying consistency by adding max. 5 % of tap (potable) water.

After thorough drying of smoothed/trowelled surfaces, a fine-textured coat in spatter technique can be applied. Appearance (texturing) can be varied, depending on the degree of dilution and used nozzle width. The spatter technique is particularly recommended for ceilings which remain without further treatment.

**Suitable Spraying Equipment:**

Use plaster conveyor and high-performance airless equipment.

Remove all filters, when airless guns are used.

Nozzle size: 0.035" to 0.043"

Pressure: Approx. 150 to 180 bar

Suitable airless guns for filler application: Use spray guns with a higher discharge, recommended by the device manufacturer.

Lower product temperature limit to ensure optimum application with airless units: Minimum +10 °C during application.

Surface Coating System

**Recoatability:**

Apply one priming coat of Caparol-Haftgrund before applying Sylitol Bio-Innenfarbe (interior paint). Surfaces leveled with Caparol-Akkordspachtel can be coated, when fully cured/dried, with suitable Caparol emulsion and latex paints or acrylic enamels without previous priming.

Apply one priming coat of Caparol-Haftgrund before applying plastic compounds or textile and glass fabric wall coverings.

Apply one priming coat of Putzgrund 610 before applying synthetic resin-bound (organic) plasters.

Consumption

■ Type fine: Approx. 1800 g/m<sup>2</sup> per mm of coating thickness.

■ Type medium: Approx. 1800 g/m<sup>2</sup> per mm of coating thickness.

Application Conditions

**Lower Temperature Limit for Application and Drying:**

+5 °C for substrate and ambient air.

Drying/Drying Time

Approx. 12- 48 hours, depending on building moisture, temperature and layer thickness.

Tool Cleaning

Clean tools/equipment immediately after use with clean water.

Note

Do not apply Caparol-Akkordspachtel fein/mittel (fine & medium) in damp locations/moist rooms. Use Caparol-Akkordspachtel fein (fine) instead to achieve exceedingly smooth surfaces. Minor colour differences may occur due to the use of natural fillers. When spray applied surfaces (using spatter technique) remain unpainted, it is advisable to use product from the same batch for filling and spray application.

For spray application on walls in spatter technique, it is advisable to recoat with Caparol emulsion paint to obtain a higher resistance.

Reworking gypsum filling compounds may lead to swelling, blistering and flaking due to long lasting moisture exposure. Provide for quick drying by sufficient ventilation and temperature. In Germany: Follow Data Sheet No. 2 "Verspachtelung von Gipsplatten" (Trowel Application on Plasterboards) issued by the German Association of Gypsum and Plasterboard Industry.

Fine blistering (pinholing) may appear on compact, low absorbent substrates. These fine air pockets are removable after a short flash off time by repeated smoothing. The proper timing for re-smoothing is depending on temperature and air humidity/moisture on site. When air pockets reappear after re-smoothing, the smoothing process has been effected too soon and must be repeated.

On coarse, roughly textured substrates an additional smoothing process may be necessary to achieve an even surface.

## Advice

### German Certificates

- Bericht zur Klassifizierung des Brandverhaltens. (Reaction to fire testing)
- Emissionskammermessung in Anlehnung an DIN ISO 16000-9.  
(Emission chamber measurement as per DIN ISO 16000-9)

### Please Note (Status as at Date of Publication)

Keep out of reach from children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water. Do not breathe spray dust.  
Further information: See Material Safety Data Sheet (MSDS).

Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

In Germany: Advice for allergy sufferers with isothiazolinone allergy: German hotline 0180/5308928 (0.14 €/minute from German landline, MTS max. 0.42 €/minute).

### Disposal

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures.

In Germany: Only completely empty containers should be handed in for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried/hardened product residues as construction site/demolition/municipal or domestic waste.

### EU limit value for the VOC content

of this product group: non-existent. (In Germany) This product contains < 1 g/l VOC.

### Product Code Paints and Enamels

M-DF01 (Germany)

### Substances of Content - Declaration

Polyvinylacetate resin, calcium carbonate, titanium dioxide, silicates, water, additives, preservative (methylisothiazolinone, benzisothiazolinone).

### Customer Service Centre

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International Distribution: Please see [www.caparol.com](http://www.caparol.com)

## Technical Information No. 643 · Issue: March 2022

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No.643 · Akkordspachtel, fein und mittel (fine & medium) · Issued: April 2022